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10679035  
U.S. PTO

Docket Number 21212C

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

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Express Mail Lab I Number

February 19, 2002  
Date of Deposit

A

Address to: Box: Patent Application  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

## UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing under 37 CFR §1.53(b)(1) is a continuation of prior Application No. 09/577,799, filed May 24, 2000.

1046 U.S. PTO  
10/079035  
02/19/02

Applicant (or identifier): RYALS ET AL.

Title: GENE ENCODING A PROTEIN INVOLVED IN THE SIGNAL  
TRANSDUCTION CASCADE LEADING TO SYSTEMIC ACQUIRED  
RESISTANCE IN PLANTS

Enclosed are:

1. ☒ Specification
2. ☒ Drawings - 11 sheets
3. ☒ Oath or Declaration - Copy from prior application (37 CFR 1.63(d))
4. ☒ Application Data Sheet
5. ☒ Nucleotide and/or Amino Acid Sequence Submission
  - a. ☒ Request to use Computer Readable Form (CRF) from parent application
  - b. ☒ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies)
    - ii. ☒ paper
  - c. ☒ Statement Verifying Identity of Above Copies
6. ☒ Preliminary Amendment
7. ☐ Assignment Papers (Cover Sheet & Document(s))
8. ☐ English Translation of
9. ☐ Information Disclosure Statement
10. ☐ Certified Copy of Priority Document(s)
11. ☒ Return Receipt Postcard
12. ☒ Fee Transmittal Form (PTO/SB/17)
13. ☒ Two month Extension of Time request in parent application
14. ☒ Credit Card Payment Form

Filing fee calculation:

- ☒ Before calculating the filing fee, please enter the enclosed Preliminary Amendment.

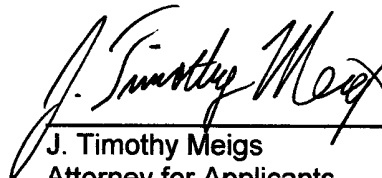
Basic Filing Fee							\$	740
Multiple Dependent Claim Fee (\$ 280)							\$	
Foreign Language Surcharge (\$ 130)							\$	
	For	Number Filed		Number Extra		Rate		
Extra Claims	Total Claims	15	-20		x	\$ 18	=	\$
	Independent Claims	1	-3		x	\$ 80	=	\$
TOTAL FILING FEE							\$	740

- ☒ Please charge Applicant's Credit Card in the amount of \$740. A Credit Card Payment Form is enclosed for fee purposes.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR § 1.16 and § 1.17 which may be required in connection with this application, or credit any overpayment, to Deposit Account No. 50-1744 in the name of Syngenta Biotechnology, Inc.

Please address all correspondence to the address associated with Customer No. 022847.

Please direct all telephone calls to the undersigned at the number given below, and all telefaxes to (919) 541-8614.

Respectfully submitted,



J. Timothy Meigs  
Attorney for Applicants  
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Date: February 19, 2002

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 400.00**Complete if Known**

Application Number	09/577,799
Filing Date	May 24, 2000
First Named Inventor	Ryals
Examiner Name	Kubelik, A
Group Art Unit	1638
Attorney Docket No.	PB/5-21212B

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

**SUBTOTAL (1)** (\$) 400.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <del>ex parte</del> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	400.00
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) \$400.00**SUBMITTED BY**

Name (Print/Type) J. Timothy Meigs

Registration No. 38,241  
(Attorney/Agent)**Complete (if applicable)**

Telephone 919-541-8587

Signature

*J. Timothy Meigs*

Date

2/19/2002

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